

# Comparisons of Job Characteristics

**Focus Occupation:** Heavy and Tractor-Trailer Truck Drivers (53-3032)

**Associated Occupation:** Bus and Truck Mechanics and Diesel Engine Specialists (49-3031)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 47

**Focus Occupation:** Heavy and Tractor-Trailer Truck Drivers (53-3032)

**Associated Occupation:** Bus and Truck Mechanics and Diesel Engine Specialists (49-3031)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Mechanical	6.8	21.1	6.5	<< Extensive education and/or training may be required
Transportation	4.6	9.6	16.1	>> Current knowledge level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 74

**Focus Occupation:** Heavy and Tractor-Trailer Truck Drivers (53-3032)

**Associated Occupation:** Bus and Truck Mechanics and Diesel Engine Specialists (49-3031)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Repairing	3.4	11.2	6.9	<< Extensive development of skills in this area may be required
Troubleshooting	4.5	11.0	7.0	<< Extensive development of skills in this area may be required
Equipment Maintenance	3.5	10.2	7.3	<< Extensive development of skills in this area may be required
Operation Monitoring	6.6	10.0	9.9	0 Current skill level may be sufficient
Operation and Control	5.4	9.7	13.1	>> Skill level is likely more than sufficient
Quality Control Analysis	5.9	9.4	8.3	< A higher skill level may be required
Equipment Selection	3.3	7.5	3.8	<< Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 69			
Focus Occupation: Heavy and Tractor-Trailer Truck Drivers (53-3032) Associated Occupation: Bus and Truck Mechanics and Diesel Engine Specialists (49-3031)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Control Precision	6.6	12.3	13.1	0	Current ability level may be sufficient
Manual Dexterity	6.5	11.9	9.7	<	Some improvement in abilities may be required
Multilimb Coordination	6.0	11.9	12.7	0	Current ability level may be sufficient
Finger Dexterity	7.6	11.8	8.5	<<	Extensive improvement in abilities may be required
Arm-Hand Steadiness	6.8	11.6	9.0	<<	Extensive improvement in abilities may be required
Hearing Sensitivity	5.6	11.4	9.6	<	Some improvement in abilities may be required
Extent Flexibility	4.8	10.3	8.3	<	Some improvement in abilities may be required
Speed of Limb Movement	3.2	6.9	6.9	0	Current ability level may be sufficient
Glare Sensitivity	2.6	6.4	7.9	>	Current ability level is likely sufficient
Sound Localization	2.2	5.9	7.7	>	Current ability level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 71
<b>Focus Occupation: Heavy and Tractor-Trailer Truck Drivers (53-3032)</b> <b>Associated Occupation: Bus and Truck Mechanics and Diesel Engine Specialists (49-3031)</b>		
Work Activities	Exclusivity of Activity	
Examine vehicle to detect malfunctions, damage, or maintenance needed	75	
Maintain or repair cargo or passenger vehicle	69	
Move or fit heavy objects	8	
Service vehicle with water, fuel, or oil	73	
Use vehicle repair tools or safety equipment	80	

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus  
Occupation to Associated  
Occupation: 30

**Focus Occupation: Heavy and Tractor-Trailer Truck Drivers (53-3032)**

**Associated Occupation: Bus and Truck Mechanics and Diesel Engine Specialists (49-3031)**

Tools and Technologies	Exclusivity
Computer data input devices	2
Computers	1
Data management and query software	1
Lifting equipment and accessories	3
Personal communication devices	2

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.